Author Index of Vol. 61

Agosti R, Dieringer N, Precht W: Partial restitution of lesion-induced deficits in the horizontal vestibulo-ocular reflex performance measured from the bilateral abducens motor output in frogs 291
Akaishi T, Ellendorff F, Sakuna Y: Antidromic responses in the paraventricular magnocellular neurons of the rat hypothalamus: latency variations correlated with the firing rate 169
Albe-Fessard D, see Giuffrida R, et al. 649
Albus K, see Wahle P, et al. 364
Alloway KD, Burton H: Submodality and columnar organization of the second somatic sensory area in cats 128
Alonso G, Szafarczyk A, Assenmacher I: Immunoreactivity of hypothalamo-neurohypophysial neurons which secrete corticotropin-releasing hormone (CRH) and vasopressin (Vp): immunocytochemical evidence for a correlation with their functional state in colchicine-treated rats 497
Ambach G, Toldi J, Fehér O, Joó F, Wolff JR: Spatial correlation between sensory regions and the drainage fields of pial veins in rat cerebral cortex 540
Amblard B, Crémieux J, Marchand AR, Carblanc A: Lateral orientation and stabilization of human stance: static versus dynamic visual cues 21
Assenmacher J, see Alonso G, et al. 497
Avoli M, see Jibiki I, et al. 245
Bach M, Krüger J: Correlated neuronal variability in monkey visual cortex revealed by a multi-microelectrode 451
Becker W, see Mergner T, et al. 94
Bektas A, see Lipski J, et al. 280
Belhumeur C, see Tremblay JP, et al. 638
Benevento LA, see Itaya SK, et al. 607
Berger W, see Dietz V, et al. 153
Berthoz A, see Vidal PP, et al. 549
Biedenbach MA, De Vito JL, Brown AC: Pyramidal tract of the cat: axon size and morphology 303
Blanks RHJ, see Giolli RA, et al. 194
Bower AJ, see Sherrard RM 355
Boyapati J, Henry GH: The character and influence of the claustral pathway to the striate cortex of the cat 141
Brandl H, see Gabriel S, et al. 210
Brown AC, see Biedenbach MA, et al. 303
Bruce CJ, see Goldberg ME, et al. 579
Bullier J, see Kennedy H, et al. 204
Burton H, see Alloway KD 128
Bushnell MC, see Goldberg ME, et al. 579
Canedo A, Towe AL: Pattern of pyramidal tract collateralization to medial thalamus, lateral hypothalamus and red nucleus in the cat 585
Carblanc A, see Amblard B, et al. 21
Cazalis M, see Nordmann JJ, et al. 560
Chambers WW, see Sprague JM, et al. 43
Chowers J, see Weidenfeld J, et al. 91
Church AC, see Sprague JM, et al. 43
Clarey JC, Irvine DRF: Auditory response properties of neurons in the claustrum and putamen of the cat 432
Cohen MS, Schwartz-Giblin S, Pfaff DW: The pudendal nerve-evoked response in axial muscle 175
Condes-Lara M, see Giuffrida R, et al. 649
Conforti N, see Weidenfeld J, et al. 91
Cowey A, see Reese BE 375
Cowey A, see Heywood CA 403
Crémieux J, see Amblard B, et al. 21
Creutzfeldt OD, see Redies C, et al. 469
Crook JM, see Redies C, et al. 469
Dayanithi G, see Nordmann JJ, et al. 560
Deecke L, see Mergner T, et al. 94
Dehay C, see Kennedy H, et al. 204
De Vito JL, see Biedenbach MA, et al. 303
Dieringer N, see Agosti R, et al. 291
Dietz V, Quintern J, Berger W: Afferent control of human stance and gait: evidence for blocking of group I afferents during gait 153
Duffin J, see Lipski J 625
Edgley S, Jankowska E, McCrea D: The heteronymous monosynaptic actions of triceps surae group Ia afferents on hip and knee extensor motoneurones in the cat 443
Eichenbaum H, see Kuperstein M, et al. 438
Ellendorff F, see Akaishi T, et al. 169
Emson PC, see Takeda N, et al. 575
Eysel UT, see Pape H-C 265
Fallon JH, see Giolli RA, et al. 194
Fehér O, see Ambach G, et al. 540
Feldman S, see Weidenfeld J, et al. 91
Feldon J, see Jarrard LE, et al. 519
Fex J, see Huang Chi-ming 506
Flexner LB, see Sprague JM, et al. 43
Frost BJ, see Nelson JI 54
Gabbott PLA, Somogyi J, Stewart MG, Hámori J: GABA-immunoreactive neurons in the dorsal lateral geniculate nucleus of the rat: characterisation by combined Golgi-impregnation and immunocytochemistry 311
Gabbot PLA, Somogyi P: Quantitative distribution of GABA-immunoreactive neurons in the visual cortex (area 17) of the cat 323
Gabriel H-J, see Gabriel S, et al. 210
Gabriel S, Gabriel H-J, Zippel U, Brandl H: Regional distribution of fast and slow geniculo-cortical relay cells (GCR-cells) within rat's dorsal lateral geniculate nucleus (LGNd) 210
Garcia-Segura LM: Trans-synaptic modulation of Purkinje cell plasma membrane organization by climbing fiber axonal flow 186
Giaretta D, see Jibiki I, et al. 245
Gilhodes JC, Roll JP, Tardy-Gervet MF: Perceptual and motor effects of agonist-antagonist muscle vibration in man 395
Giolli RA, Peterson GM, Ribak CE, McDonald HM, Blanks RHI, Fallon JH: GABAergic neurons comprise a major cell type in rodent visual relay nuclei: an immunocytochemical study of pretectal and accessory optic nuclei . . . 194
Girgis S, see Takeda N, et al. 575
Giuffrida R, Li Volsi G, Maugeri G, Perciavalle V: Pyramidal input to the basal ganglia in the cat 645
Giuffrida R, Sanderson P, Condes-Lara M, Albe-Fessard D: Cortifugal influences on dorsal column nuclei: an electrophysiological study in the rat using the cortical spreading depression technique 649
Gizzi MS, see Pasternak T, et al. 214
Globus M, see Shohami E, et al. 87
Gloor P, see Jibiki I, et al. 245
Goldberg ME, Bushnell MC, Bruce CJ: The effect of attentive fixation on eye movements evoked by electrical stimulation of the frontal eye fields 579
Graf W, see Vidal PP, et al. 549
Grant G, see Wiksten B, et al. 513
Gray JA, see Jarrard LE, et al. 519

Grégoire L, see Tremblay JP, et al. 638
Gregory JE, Morgan DL, Proske U: The discharge of cat tendon organs during unloading contractions 222
Grüsser O-J, see Kröller J, et al. 1
Guilbaud G, Iggo A: The effect of lysine acetylsalicylate on joint capsule mechanoreceptors in rats with polyarthritis . 164
Hain TC, see Kapoula ZA, et al. 386
Hámori J, see Gabbott PLA, et al. 311
He Xiao-wen, Wu Chien-ping: Connections between peri-cruciate cortex and the medullary reticulospinal neurons in cat: an electrophysiological study 109
Henry GH, see Boyapati J 141
Herreras O, Solis JM, Lerma J: Abolition of CA1 population spike by sensory stimulation 654
Hess BJM, see Sirkin DW, et al. 218
Heywood CA, Cowey A: The nature of the visual discrimination impairment after neonatal or adult ablation of superior colliculi in rats 403
Hikosaka O, Wurtz RH: Saccadic eye movements following injection of lidocaine into the superior colliculus 531
Hillyard CJ, see Takeda N, et al. 575
Hoffmann KP, see Markner C 117
Hsiao C-F, Murray Sherman S: Alpha and beta cells projecting from retina to lamina A of the lateral geniculate nucleus in normal cats, monocularly deprived cats, and young kittens 413
Huang Chi-ming, Fex J: Tonotopic organization in the inferior colliculus of the rat demonstrated with 2-deoxyglucose method 506
Hughes HC, Sprague JM: Cortical mechanisms for local and global analysis of visual space in the cat 332
Iggo A, see Guilbaud G 164
Iggo A, see Mokha SS, et al. 597
Irvine DRF, see Clarey JC 432
Itaya SK, Hoesen van GW, Benevento LA: Direct retinal pathways to the limbic thalamus of the monkey 607
Ito Y, see Sakata H, et al. 658
Jacquin MF, Mooney RD, Rhoades RW: Morphology, response properties, and collateral projections of trigeminothalamic neurons in brainstem subnucleus interpolaris of rat 457
Jankowska E, see Edgley S, et al. 443
Jarrard LE, Feldon J, Rawlins JNP, Sinden JD, Gray JA: The effects of intrahippocampal ibotenate on resistance to extinction after continuous or partial reinforcement 519
Jibiki I, Avoli M, Gloor P, Giaretta D, McLachlan RS: Thalamocortical and intrathalamic interactions during slow repetitive stimulation of n. centralis lateralis 245
Joó F, see Ambach G, et al. 540
Kapoula ZA, Robinson DA, Hain TC: Motion of the eye immediately after a saccade 386
Kennedy H, Bullier J, Dehay C: Cytochrome oxidase activity in the striate cortex and lateral geniculate nucleus of the newborn and adult macaque monkey 204
Kitajiri M, see Takeda N, et al. 575
Kröller J, Grüsser O-J, Weiss L-R: The response of primary muscle spindle endings to random muscle stretch: a quantitative analysis 1
Krüger J, see Bach M 451
Kuperstein M, Eichenbaum H, Van de Mark T: Neural group properties in the rat hippocampus during the theta rhythm 438
Lacquaniti F, Soechting JF: EMG responses to load perturbations of the upper limb: effect of dynamic coupling between shoulder and elbow motion 482
Lassonde M, see Lepore F, et al. 258
Lee M, see Strahlendorf JC, et al. 614
Lepore F, Ptito M, Lassonde M: Stereoperception in cats following section of the corpus callosum and/or the optic chiasma 258
Lerma J, see Herreras O, et al. 654
Lipski J, Bektas A, Porter R: Short latency inputs to phrenic motoneurones from the sensorimotor cortex in the cat . . . 280
Lipski J, Duffin J: An electrophysiological investigation of propriospinal inspiratory neurons in the upper cervical cord of the cat 625
Liu CN, see Sprague JM, et al. 43
Li Volsi G, see Giuffrida R, et al. 645
MacIntyre I, see Takeda N, et al. 575
Marchand AR, see Amblard B, et al. 21
Markner C, Hoffmann KP: Variability in the effects of monocular deprivation on the optokinetic reflex of the non-deprived eye in the cat 117
Matsunaga T, see Takeda N, et al. 575
Maugeri G, see Giuffrida R, et al. 645
Mauritz K-H, Wise SP: Premotor cortex of the rhesus monkey: neuronal activity in anticipation of predictable environmental events 229
McCrea D, see Edgley S, et al. 443
McDonald HM, see Giolli RA, et al. 194
McLachlan RS, see Jibiki I, et al. 245
McLennan H, see Peet MJ 567
McMillan JA, see Mokha SS, et al. 597
Mergner T, Becker W, Deecke L: Canal-neck interaction in vestibular neurons of the cat's cerebral cortex 94
Meyer G, see Wahle P, et al. 364
Mokha SS, McMillan JA, Iggo A: Pathways mediating descending control of spinal nociceptive transmission from the nuclei locus coeruleus (LC) and raphe magnus (NRM) in the cat 597
Mooney RD, see Jacquin MF, et al. 457
Morgan DL, see Gregory JE, et al. 222
Movshon JA, see Pasternak T, et al. 214
Murray Sherman S, see Hsiao C-F 413
Nagahama T, see Takata M 272
Nakao S, Shiraishi Y: Direct excitatory and inhibitory synaptic inputs from the medial mesodiencephalic junction to motoneurons innervating extraocular oblique muscles in the cat 62
Nelson JI, Frost BJ: Intracortical facilitation among co-oriented, co-axially aligned simple cells in cat striate cortex 54
Nordmann JJ, Dayanithi G, Cazalis M: Do opioid peptides modulate, at the level of the nerve endings, the release of neurohypophysial hormones? 560
Pape H-C, Eysel UT: Binocular interactions in the lateral geniculate nucleus of the cat: GABAergic inhibition reduced by dominant afferent activity 265
Pasternak T, Schumer RA, Gizzi MS, Movshon JA: Abolition of visual cortical direction selectivity affects visual behavior in cats 214
Peck CK: Eye position signals in cat superior colliculus 447
Peet MJ, McLennan H: Pre- and postsynaptic actions of baclofen: blockade of the late synaptically-evoked hyperpolarization of CA1 hippocampal neurones 567
Perciavalle V, see Giuffrida R, et al. 645
Peterson GM, see Giolli RA, et al. 194
Pfaff DW, see Cohen MS, et al. 175
Porter R, see Lipski J, et al. 280
Precht W, see Sirkin DW, et al. 218
Precht W, see Agosti R, et al. 291
Proske U, see Gregory JE, et al. 222
Ptito M, see Lepore F, et al. 258

Querfurth H: Processing vibratory stimuli in isolated frog muscle spindle 11
Quintern J, see Dietz V, et al. 153
Rawlins JNP, see Jarrard LE, et al. 519
Redies C, Crook JM, Creutzfeldt OD: Neuronal responses to borders with and without luminance gradients in cat visual cortex and dorsal lateral geniculate nucleus 469
Reese BE, Cowey A: Large retinal ganglion cells in the rat: their distribution and laterality of projection 375
Rhoades RW, see Jacquin MF, et al. 457
Ribak CE, see Giolli RA, et al. 194
Robertson LT: Somatosensory representation of the climbing fiber system in the rostral intermediate cerebellum . . . 73
Robinson DA, see Kapoula ZA, et al. 386
Roll JP, see Gilhodes JC, et al. 395
Sakata H, Shibutani H, Ito Y, Tsurugai K: Parietal cortical neurons responding to rotary movement of visual stimulus in space 658
Sakuma Y, see Akaishi T, et al. 169
Sanderson P, see Giuffrida R, et al. 649
Sasseville R, see Tremblay JP, et al. 638
Schumer RA, see Pasternak T, et al. 214
Schwartz-Giblin S, see Cohen MS, et al. 175
Sherrard RM, Bower AJ: An ipsilateral olivocerebellar connection: an autoradiographic study in the unilaterally pedunculotomised neonatal rat 355
Shibutani H, see Sakata H, et al. 658
Shiosaka S, see Takeda N, et al. 575
Shiraishi Y, see Nakao S, ... 62
Shohami E, Globus M, Weidenfeld J: Regional distribution of prostanoids in rat brain: effect of insulin and 2-deoxyglucose 87
Sinden JD, see Jarrard LE, et al. 519
Sirkin DW, Hess BJM, Precht W: Optokinetic nystagmus in albino rats depends on stimulus pattern 218
Soechting JE, see Lacquaniti F 482
Solis JM, see Herreras O, et al. 654
Somogyi J, see Gabbott PLA, et al. 311
Somogyi P, see Gabbott PLA 323
Sprague JM, Church AC, Liu CN, Chambers WW, Flexner LB: Visual discrimination learning and interhemispheric transfer in the cat, as affected by 6-hydroxydopamine . . . 43
Sprague JM, see Hughes HC 332
Stelmach GE, see Worringham CJ 38
Stewart MG, see Gabbott PLA, et al. 311
Strahlendorf HK, see Strahlendorf JC, et al. 614
Strahlendorf JC, Strahlendorf HK, Lee M: Enhancement of cerebellar Purkinje cell complex discharge activity by microiontophoretic serotonin 614
Szafarczyk A, see Alonso G, et al. 497
Takata M, Nagahama T: Cortically and lingually induced postsynaptic potentials in trigeminal motoneurons after axotomy 272
Takeda N, Kitajiri M, Girgis S, Hillyard CJ, MacIntyre I, Emson PC, Shiosaka S, Tohyama M, Matsunaga T: The presence of a calcitonin gene-related peptide in the olivocochlear bundle in rat 575
Tardy-Gervet MF, see Gilhodes JC, et al. 395
Thorstensson A: How is the normal locomotor program modified to produce backward walking? 664
Tohyama M, see Takeda N, et al. 575
Toldi J, see Ambach G, et al. 540
Towe AL, see Canedo A 585
Tremblay JP, Belhumeur C, Sasseville R, Grégoire L: Non monotonic morphometric changes produced at mouse neuromuscular junctions following in vivo stimulation at various frequencies 638
Tsurugai K, see Sakata H, et al. 658
Van De Mark T, see Kuperstein M, et al. 438
Van Hoesen GW, see Itaya SK, et al. 607
Vidal PP, Graf W, Berthoz A: The orientation of the cervical vertebral column in unrestrained awake animals. I. Resting position 549
Wahle P, Meyer G, Albus K: Localization of NPY-immunoreactivity in the cat's visual cortex 364
Weidenfeld J, see Shohami E, et al. 87
Weidenfeld J, Chowers I, Conforti N, Feldman S: Effects of extrahypothalamic structures on the hypothalamic cell nuclear binding of corticosterone 91
Weiss L-R, see Kröller J, et al. 1
Wiksten B, Grant G: Cerebellar projections from the cervical enlargement: an experimental study with silver impregnation and autoradiographic techniques in the cat . 513
Wise SP, see Mauritz K-H 229
Wolff JR, see Ambach G, et al. 540
Worringham CJ, Stelmach GE: The contribution of gravitational torques to limb position sense 38
Wu Chien-ping, see He Xiao-wen 109
Wurtz RH, see Hikosaka O 531
Zippel U, see Gabriel S, et al. 210